

2450 S. Beatrice St. Detroit, MI 48217 Ph. (313) 406-7060 www.npcollegeprep.org

June 4, 2016

ATTN: Matt Vallevand Detroit Health Department 3245 E. Jefferson Ave, Ste 100 Detroit, MI 48207

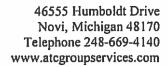
Dear Mr. Vallevand,

Enclosed you will find a copy of New Paradigm College Prep Academy water testing report.

Please don't hesitate to contact us if we could be of any further assistance.

Sincerely,

Machion Jackson
Chief Operating Officer





Mr. Jerry Parker New Paradigm for Education 1100 La Belle Detroit, Michigan 48202

SUBJECT:

**Drinking Water Screening Report** 

College Prep Academy 2450 Beatrice Street Detroit, Michigan 48217

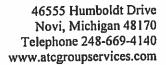
Dear Mr. Parker:

ATC Group Services, LLC (ATC) is pleased to submit this Drinking Water Screening Report for the subject school. The drinking water samples collected from the school were submitted to Brighton Analytical L.L.C., for Michigan Department of Environmental Quality (MDEQ) Drinking Water Certified lead and copper analysis.

### SCOPE OF WORK

At the request of New Paradigm for Education, ATC collected drinking water samples as a general screening for copper and lead at the subject school. In coordination with New Paradigm it was determined that the screening would consist of collection of water samples from three (3) high priority water outlets (drinking fountains, kitchen/food preparation area faucets, etc.), regularly used by students and staff for drinking, as designated by New Paradigm personnel. Two (2) samples were collected at each outlet: a first draw (Primary) sample; and a Flush sample. The Primary samples were collected from outlets that had been inactive for a minimum of eight hours. The Flush samples were collected after the water was allowed to run for a minimum of thirty (30) seconds at each of the sample locations.

The drinking water samples were collected in 250 milliliter, wide-mouth sample containers, containing nitric acid (preservative). Each sample container was labeled utilizing a coding system that identified: the type of drinking outlet sampled, Drinking Fountain (DF), Sink Faucet (SF), Kitchen Sink (KS) etc.; and a (P) for primary samples and a (F) for flush samples.





The samples were transported under chain of custody to Brighton Analytical L.L.C., located at 2105 Pless Drive in Brighton, Michigan for MDEQ drinking water certified lead and copper analysis, using analytical method EPA 200.8 rev 5.4.

As per the EPA's 3T's for Reducing Lead in Drinking Water in Schools, Revised Technical Guidance (October 2006) analysis of the flush sample(s) was only performed if analysis of the first draw (Primary) sample(s) indicated lead and/or copper concentrations greater than the EPA established Maximum Contaminate Level (MCL).

### **FINDINGS**

Analytical results indicate that none of the samples analyzed were above the EPA recommended limits of 15 micrograms per liter (ug/L) for lead. Analytical results indicate that none of the samples analyzed were above the EPA recommended limits of 1300 ug/L for copper. The table below summarizes the analytical results for the samples submitted. The laboratory analytical reports and chain of custody are provided in Attachment A.

Sample Number	Total Lead	MCL	Total Copper	MCL
	(Drinking Water)		(Drinking Water)	NET E
1-DF-P-CPrep-1st Floor Hall	ND ug/L	15 ug/L	70 ug/L	1300 ug/L
1-DF-F-CPrep-1 <sup>st</sup> Floor Hall	NA	15 ug/L	NA	1300 ug/L
2-SF-P-CPrep-Bathroom	2 ug/L	15 ug/L	190 ug/L	1300 ug/L
2-SF-F-CPrep-Bathroom	NA	15 ug/L	NA ·	1300 ug/L
3-KS-P-CPrep-Kitchen	ND ug/L	15 ug/L	200 ug/L	1300 ug/L
3-KS-F-CPrep-Kitchen	NA	15 ug/L	NA	1300 ug/L

Key: NA - Not Analyzed

ND- Not Detected

ug/L- micrograms per liter /parts per billion (ppb)



46555 Humboldt Drive Novi, Michigan 48170 Telephone 248-669-4140 www.atcgroupservices.com

#### **LIMITATIONS**

The sampling and analysis completed was: a preliminary screening for lead and copper only, to assess lead and copper concentrations (ug/L) at drinking water outlets in the school designated as high use by New Paradigm, and may not be representative of all drinking water outlets within the school. If lead or copper concentrations are identified above their respective MCL's at any of the drinking water outlets tested, further review of the plumping system, fixtures affected, and testing should be completed to assess the source of the elevated levels of lead and/or copper, as well as, any other response actions deemed necessary by New Paradigm.

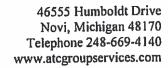
The drinking water screening proposed and conducted by ATC was devised in cooperation with New Paradigm and utilizing the EPA's 3Ts for Reducing Lead in Drinking Water in Schools and may not meet all of the recommendations provided by the MDEQ "Guidance on Drinking Water Sampling for Lead and Copper at Schools and Daycares on Community Water Supplies" Version 2.0 - April 13, 2016. Future drinking water evaluation and sampling in accordance with the recommendations may be predicated on applicable guidelines by the MDEQ or EPA and will be determined prior to developing a sampling plan for the school.

Sincerely,

**ATC Group Services, LLC** 

Michael Hauswirth Project Manager Robert C. Smith
Building Science Department Manager

Nobert C. Siniz





# ATTACHMENT A LABORATORY ANALYTICAL



## **Brighton Analytical LLC**

2105 Pless Drive Brighton, Michigan 48114 Phone: (810)229-7575 (810)229-8650 e-mail:bai-brighton@sbcglobal.net MDNRE Certified #9404 NELAC Accredited #176507

Sample Date/Time: 4/29/2016

Report Date:

Submit Date/Time: 4/29/2016 5/9/2016

05:20 12:30

**ATC Associates** 46555 Humboldt Dr.

Suite 100

Novi, MI 48377

BA Project #

BA Sample ID

38808

CD01617

Project Name: New Paradigm - College Prep

Project Number:188BS16231

Sample ID: 1-DF-P-CPrep-1st Fl Hall

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Dululium Water Matel Annium					<del>-</del>		
Drinking Water Metal Analysis Total Copper (Drinking Water)	70	սբ/ե	20	1300	EPA 200.8 rev5.4	16:14	05/05/2016
Total Lead (Drinking Water)	Not detected	_	1	15	EPA 200.8 rev5.4	16:14	05/05/2016

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.

Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by



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Sample Date/Time: 4/29/2016 Submit Date/Time: 4/29/2016

5/9/2016

05:24

**ATC Associates** 46555 Humboldt Dr.

12:30

Suite 100

Novi, MI 48377

BA Project#

38808

BA Sample ID

Report Date:

CD01619

Project Name: New Paradigm - College Prep

Project Number:188BS16231

Sample ID: 2-SF-P-CPrep-2nd FI - Bathroom

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Zilaiy to Ivanio							
Drinking Water Metal Analysis Total Copper (Drinking Water) Total Lead (Drinking Water)	190 2	ug/L	20 1	1300 15	EPA 200.8 rev5.4 EPA 200.8 rev5.4	16:18 16:18	05/05/2016 05/05/2016

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.

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Released by



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2105 Pless Drive
Brighton, Michigan 48114
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e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 4/29/2016

Submit Date/Time: 4/29/2016

5/9/2016

05:30 12:30

ATC Associates
46555 Humboldt Dr.

Suite 100

Novi, MI 48377

BA Project #

Report Date:

38808

BA Sample ID

CD01621

Project Name: New Paradigm - College Prep

Project Number:188BS16231

Sample ID: 3-KS-P-CPrep - Kitchen

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis Total Copper (Drinking Water) Total Lead (Drinking Water)	200 Not detected	սը/Լ.	20 1	1300 15	EPA 200.8 rev5.4 EPA 200.8 rev5.4	16:23 16:23	05/05/2016 05/05/2016

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.

Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date

Brighton Analy	Brighton Analytical, L.L.C."	BA PROJECT #:	Analysis	Analysis Requested/Method	COMPANYMALTING ADDRESS:	or /	
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PROJECT NAME: NEW - Cullege	e Pap	-	X	~ 19H P 19	ATTY HAVE URBY	377	
PROJECT #: /33.85/6,23]		2	drisi( <u>Q)</u>	(3	C4/2-62-645	0	Π
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REQUISTED TURNAROUND: (circle one) Emils: 1-3 banness days (welly with tab & specify day readed)	If RUSH, 2 REVED Y 2 REVED		8	73	pHs verified in login? yes	100	
I Day w 25% Good 2, Day = 2% Cook 3/Day = 15% Cook Standard: 5 business days	NO.	HOAH 89 - 198 30 - 190	e ve	oldh ए	Headspace/bubbles in VOA's? yes □	yes 🗆 no 🗆 n'a 🗗	
Brighton D # Semple Description	S.VOA	HDIÆI VYIDEN	7	6.2 Co	Sample containers and COC match?	natch? yes 🖪 no	п
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			<b>1</b>		BILLING ADDRESS (IF REQUIRED):	REQUIRED):	
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8)					Fax to LCHD? yes □ n Chlorinated Water Supply?	0 12 dx 2	
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(01					MCL Failure: yes □ m	e du	
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